Amendment to the Claims

Listing of Claims:

1	1.	(Currently amended) A compound having the formula:
2		AbG-LT
3		wherein
4		Ab is an antibody;
5		G is an intact glycosyl linking group covalently joining Ab to L;
6		L is a bond or a spacer moiety covalently joining G to T; and
7		T is a toxin, wherein
8		said spacer moiety is a member selected from substituted or unsubstituted alkyl, substituted or
9	unsubstituted heteroalkyl and substituted or unsubstituted aryl moieties.	
1	2.	(Canceled)
1	3.	(Currently amended) The compound according to claim 12, wherein said spacer linker moiety
2	comprises a poly(ethylene glycol) moiety.	
1	4.	(Currently amended) A compound having the formula:
2		AbG-LT
3		wherein wherein
4		Ab is an antibody;
5		G is an intact glycosyl linking group covalently joining Ab to L;
6		L is a spacer moiety covalently joining G to T; and
7		T is a toxin, The compound according to claim 1, wherein L has the formula:
8		}—-L¹—A−L²−}
9		wherein
10		L^1 is a bond or a linker moiety covalently joining $\underline{G} \cdot S$ to A;
11		A is an amplifier moiety; and
12		L ² is a bond or a spacer moiety covalently adjoining A to T.
1	5.	(Original) The compound according to claim 4, wherein said amplifier moiety is a polyamine
2	moiet	y.

- 1 6. (Original) The compound according to claim 5, wherein said polyamine moiety is a dendrimer.
- 1 7. (Currently amended) The compound according to claim 4, having the formula:

$$\underline{Ab} = \underline{G} = (\underline{PEG})_{m} = (\underline{toxin})_{n}$$

$$Ab^{-}G^{--}(PEG)_{m}^{-}T_{n}$$

3

4 wherein

5 PEG is a straight- or branched-chain poly(ethylene glycol);

6 m is an integer from 1 to 6; and

7 n is an integer from 1 to 1,000.

1 8. (Currently amended) The compound according to claim 4, having the formula:

3 Ab
$$-G-L^{1-}(dendrimer)_m-(L^{2-}T)_n$$

4 wherein

5 m is an integer from 1 to 6; and

6 n is an integer from 1 to 1,000.

1 9. (Currently amended) The compound according to claim 4, having the formula:

$$2 Ab - G - (L^1)_{\overline{m}} \cdot (toxin)_{\overline{n}}$$

$$Ab^{-}G^{-}(L^{1})_{m}^{-}T_{n}$$

4 wherein

5 m is an integer from 1 to 6; and

6 n is an integer from 1 to 1,000.

1 10. (Currently amended) The A compound according to claim 1, having the formula:

$$Ab-G-X^1-PEG-X^2-A-X^3-(CH_2)_a-Z-(CH_2)_b-X^4-T$$

3 wherein

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Reply to Office Action dated April 29, 2008

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X^1, X^2, X^3, and X^4 are linking groups and are members selected from the group consisting
 4
                                  of O, S, NH, (CH<sub>2</sub>)<sub>q</sub>-NH, NH-(CH<sub>2</sub>)<sub>q</sub>, NH-C(O)-O, O-C(O)-NH,
 5
                                  (CH_2)_q-NH-C(O)-O, O-C(O)-NH-(CH<sub>2</sub>)<sub>q</sub>, C(O)-O, O-C(O), (CH_2)_q-NH-C(O),
 6
 7
                                  C(O)-NH-(CH_2)_q, NH-C(S), and C(S)-NH
 8
                         and wherein
 9
                                  Ab is an antibody;
10
                                  G is an intact glycosyl linking group covalently joining Ab to L;
11
                                  T is a toxin;
12
                                  A is an amplifier moiety;
13
                                  Z is a bond cleaved by a metabolic/physiological process;
14
                                  n is an integer from 1 to 1,000;
15
                                  a is an integer from 1 to 10;
16
                                  b is an integer from 1 to 10; and
17
                                  q is and integer from 0 to 20.
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1 (Currently amended) The A compound according to claim 1, having the formula: 11.

Page 6 of 17

T is a toxin;

10

11

r is an integer from 1 to 2,500;

A is an amplifier moiety;

14 Z¹ is selected from the group consisting of O, S, and NH;

 Z^2 is selected from the group consisting of NH, and NH-(CH₂)_q;

16 and

20

 X^1 , X^2 and X^3 are linking groups and are members selected from the group consisting of

O, S, NH, (CH₂)_q-NH, NH-(CH₂)_q, NH-C(O)-O, O-C(O)-NH,

19 $(CH_2)_q$ -NH-C(O)-O, O-C(O)-NH-(CH₂)_q, C(O)-O, O-C(O), $(CH_2)_q$ -NH-C(O),

C(O)-NH- $(CH_2)_q$, NH-C(S), and C(S)-NH

21 wherein

22 n is an integer from 1 to 1,000; and

q is an integer from 0 to 20.

1 12. (Currently amended) The A compound according to claim 1, having the formula:

$$Ab^{-}G^{-}X^{1}$$
 $PEG^{-}X^{2}$
 A
 NH
 S
 S
 $X^{4-}T$
 D
 D
 D

2

6 7

1

3 wherein

4 X^1 , X^2 and X^4 are linking groups and are members selected from the group consisting of

5 O, S, NH, (CH₂)_q-NH, NH-(CH₂)_q, NH-C(O)-O, O-C(O)-NH,

 $(CH_2)_q$ -NH-C(O)-O, O-C(O)-NH-(CH₂)_q, C(O)-O, O-C(O), $(CH_2)_q$ -NH-C(O),

C(O)-NH- $(CH_2)_q$, NH-C(S), and C(S)-NH

8 wherein

9 Ab is an antibody;

G is an intact glycosyl linking group covalently joining Ab to L;

T is a toxin,

12 A is an amplifier moiety;

n is an integer from 1 to 1,000; and

q is an integer from 0 to 20.

13. (Currently amended) The compound according to claim 12, having the formula:

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Reply to Office Action dated April 29, 2008

4 wherein

n is an integer from 1 to 1,000.

- 1 14. (Withdrawn) A compound having the formula:
- 2 S-L-T
- 3 wherein
- 4 S is a nucleotide sugar
- 5 L is a bond or a spacer moiety covalently joining S to T; and
- T is a toxin moiety.
- 1 15. (Withdrawn) The compound according to claim 14, wherein said spacer moiety is a member
- 2 selected from substituted or unsubstituted alkyl, substituted or unsubstituted heteroalkyl and substituted or
- 3 unsubstituted aryl moieties.
- 1 16. (Withdrawn) The compound according to claim 15, wherein said spacer moiety comprises a
- 2 poly(ethylene glycol) moiety.
- 1 17. (Withdrawn) The compound according to claim 14, wherein L has the formula:

- 3 wherein
- 4 L¹ is a bond or a spacer moiety covalently joining S to A;
- 5 A is an amplifier moiety; and
- L^2 is a bond or a spacer moiety covalently joining A to T.
- 1 18. (Withdrawn) The compound according to claim 17, wherein said amplifier moiety is a polyamine
- 2 moiety.

(Withdrawn) The compound according to claim 18, wherein said polyamine moiety is a 1 19. 2 dendrimer. 1 20. (Withdrawn) The compound according to claim 17, having the formula: S-(PEG)_m-(toxin)_n 2 3 wherein 4 PEG is a straight- or branched-chain poly(ethylene glycol); 5 m is an integer from 1 to 6; and 6 n is an integer from 1 to 1,000. 1 (Withdrawn) The compound according to claim 17, having the formula: 21. S-L¹-(dendrimer)_m-(L²-toxin)_n 2 3 wherein 4 m is an integer from 1 to 6; and 5 n is an integer from 1 to 1,000. 1 22. (Withdrawn) The compound according to claim 17, having the formula: $S-(L^1)_m$ -(toxin)_n 2 3 wherein 4 m is an integer from 1 to 6; and 5 n is an integer from 1 to 1,000. (Withdrawn) The compound according to claim 22, having the formula: 1 23. Sugar— X^1 —PEG— X^2 ——A— X^3 ——(CH₂)_a——Z—(CH₂)_b—— X^4 —T 2 3 wherein X¹, X² and X³ are linking groups and are members selected from the group consisting of 4 O, S, NH(CH₂)_q-NH, NH-(CH₂)_q, NH-C(O)-O, O-C(O)-NH, (CH₂)_q-NH-C(O)-O, 5 $O-C(O)-NH-(CH_2)_q$, C(O)-O, O-C(O), $(CH_2)_q-NH-C(O)$, $C(O)-NH-(CH_2)_q$, 6

NH-C(S), and C(S)-NH

A is an amplifier moiety;

and wherein

7

8

9

10	Z is a bond cleaved by a metabolic/physiological process;
11	n is an integer from 1 to 1,000;
12	a is an integer from 1 to 10;
13	b is an integer from 1 to 10; and
14	q is and integer from 0 to 20.

1 24. (Withdrawn) The compound according to claim 14, having the formula:

3 wherein

2

9

2

X¹, X² and X³ are linking groups and are members selected from the group consisting of
O, S, NH(CH₂)_q-NH, NH-(CH₂)_q, NH-C(O)-O, O-C(O)-NH, (CH₂)_q-NH-C(O)-O,
O-C(O)-NH-(CH₂)_q, C(O)-O, O-C(O), (CH₂)_q-NH-C(O), C(O)-NH-(CH₂)_q,
NH-C(S), and C(S)-NH

8 wherein

q is an integer from 0 to 20.

1 25. (Withdrawn) The compound according to claim 24, having the formula: